



H.P. STATE POLLUTION CONTROL BOARD
"HIM PARIVESH" PHASE-III, NEW SHIMLA-171 009
Phone: 0177 2673766, 2673274 Fax: 0177 2673018



ASSESSMENT REPORT ON IDOL IMMERSION IN THE WATER BODIES

Although the practice of idol immersion in water bodies of the State is not so prominent and is practiced at a very small scale in a few water bodies. The water quality assessment of the water body during Ganesh Chaturthi in district Kangra was assessed on Baner Khad U/s at Chamunda Temple and Baner Khad D/s Chamunda Temple pre-immersion and during the immersion period in the month of August, September and October 2021 & 2022. For ascertaining water quality, Physico-chemical parameters such as pH, DO, BOD, COD, Conductivity, Turbidity, TDS, Total Solids and Metals (Chromium, Lead, Zinc and Copper) were analysed in the samples. The results of the water quality were found within the prescribed standards adhering to ISO 10500:2012 & the Central Pollution Control Board water quality criteria and ENVIS standards. The analysis results of water quality are annexed in Annexure-A.

MLC
29/01/23
Dr. Manoj Chauhan
Chief Scientific Officer
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ANNEXURE-A

"STN Code"		Sampling Date	Name Of Monitoring Location	pH	Dissolved O2 (mg/L)	BOD (mg/L)	COD (mg/L)	Conductivity (µmho/cm)	Turbidity (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Chromium Total (mg/L)	Lead (mg/L)	Zinc (mg/L)	Copper (mg/L)
4457	8/8/2023	BANER KHAD U/S CHAMUNDA TEMPLE	7.55	8.8	BDL	BDL	134.0	27.0	89.0	-	-	-	-	-	-
4458	8/8/2023	BANER KHAD D/S CHAMUNDA TEMPLE	7.72	8.8	BDL	8.0	109.0	28.0	67.0	-	-	-	-	-	-
4457	01.09.2023	BANER KHAD U/S CHAMUNDA TEMPLE	7.46	9.2	BDL	8.0	97.0	9.0	67.0	-	-	-	-	-	-
4458	01.09.2023	BANER KHAD D/S CHAMUNDA TEMPLE	7.67	9.1	BDL	12.0	114.0	6.0	80.0	-	-	-	-	-	-
4457	27.09.2023	BANER KHAD U/S CHAMUNDA TEMPLE	7.81	9.4	0.7	8.0	95.0	Nil	66.0	-	ND	ND	0.109	ND	
4458	27.09.2023	BANER KHAD D/S CHAMUNDA TEMPLE	7.68	9.2	0.9	12.0	104.0	Nil	73.0	-	ND	ND	0.134	ND	
4457	11.10.2023	BANER KHAD U/S CHAMUNDA TEMPLE	7.63	9.0	BDL	BDL	124.0	BDL	81.0	-	ND	ND	0.311	ND	
4458	11.10.2023	BANER KHAD D/S CHAMUNDA TEMPLE	7.58	9.0	BDL	BDL	124.0	BDL	83.0	-	ND	ND	0.535	ND	
BDL - BELOW DETECTION LIMIT ND- NOT DETECTED									BDL - BELOW DETECTION LIMIT ND- NOT DETECTED						







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ASSESSMENT REPORT ON IDOL IMMERSION

The practice of idol immersion in water bodies of the State is either nil or practiced at a very small scale. The water quality assessment of water body during Ganesh Chaturthi in district Kangra was assessed on Baner Khad U/s at Chamunda Temple and Baner Khad D/s Chamunda Temple pre-immersion and during immersion period in the month of August, September and October 2021 & 2022. For ascertaining water quality, Physico-chemical parameters such as pH, DO, BOD, COD, Conductivity, Turbidity, TDS, Total Solids and Metals (Chromium, Lead, Zinc and Copper) were analysed in the samples. The results of the water quality was found within the prescribed standards adhering to ISO 10500:2012 & the Central Pollution Control Board water quality criteria and ENVIS standards. The analysis results of water quality are annexed at Annexure-A.

ML 21/04/23
Dr. Manoj Chauhan
Chief Scientific Officer

		ANNEXURE-A						ANNEXURE-A											
		HIMACHAL PRADESH STATE POLLUTION CONTROL BOARD HIM PARIVESH, PHASE-III, BELOW BCS, NEW SHIMLA-9 PHONE NO. 0177-2373766, 2673276 FAX-2673018										HIMACHAL PRADESH STATE POLLUTION CONTROL BOARD HIM PARIVESH, PHASE-III, BELOW BCS, NEW SHIMLA-9 PHONE NO. 0177-2373766, 2673276 FAX-2673018							
2021								2021											
"STN Code"	Sampling Date	Name Of Monitoring Location	pH	Dissolved O2 (mg/L)	BOD (mg/L)	COD (mg/L)	Conductivity (µmho/cm)	Turbidity (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Chromium Total (mg/L)	Lead (mg/L)	Zinc (mg/L)	Copper (mg/L)					
4457	8/9/2021	BANER KHAD U/S CHAMUNDA TEMPLE	6.78	7.6	BDL	BDL	88.0	BDL	58.0	BDL	-	-	-	-					
4458	8/9/2021	BANER KHAD D/S CHAMUNDA TEMPLE	6.65	7.4	BDL	BDL	96.0	BDL	64.0	BDL	-	-	-	-					
4457	9/1/2021	BANER KHAD U/S CHAMUNDA TEMPLE	7.54	9.2	BDL	BDL	111.0	BDL	78.0	BDL	-	-	-	-					
4458	9/1/2021	BANER KHAD D/S CHAMUNDA TEMPLE	7.65	9.0	BDL	BDL	135.0	BDL	93.0	BDL	-	-	-	-					
4457	10/5/2021	BANER KHAD U/S CHAMUNDA TEMPLE	7.16	8.1	BDL	BDL	92.0	BDL	63.0	BDL	BDL	BDL	BDL	BDL					
4458	10/5/2021	BANER KHAD D/S CHAMUNDA TEMPLE	7.21	7.9	BDL	BDL	114.0	BDL	78.0	BDL	BDL	BDL	BDL	BDL					
2022								2022											
4457	8/3/2022	BANER KHAD U/S CHAMUNDA TEMPLE	7.09	9.1	BDL	BDL	78.0	BDL	55.0	BDL	-	-	-	-					
4458	8/3/2022	BANER KHAD D/S CHAMUNDA TEMPLE	7.13	9.2	BDL	BDL	97.0	BDL	67.0	BDL	-	-	-	-					
4457	9/1/2022	BANER KHAD U/S CHAMUNDA TEMPLE	7.29	9.4	BDL	BDL	78.0	BDL	51.0	BDL	-	-	-	-					
4458	9/1/2022	BANER KHAD D/S CHAMUNDA TEMPLE	7.36	9.2	BDL	BDL	89.0	BDL	64.0	BDL	-	-	-	-					
4457	10/10/2022	BANER KHAD U/S CHAMUNDA TEMPLE	7.17	9.2	BDL	BDL	93.0	BDL	63.0	BDL	BDL	BDL	BDL	BDL					
4458	10/10/2022	BANER KHAD D/S CHAMUNDA TEMPLE	7.23	8.9	BDL	BDL	104.0	BDL	72.0	BDL	BDL	BDL	BDL	BDL					
BDL - BELOW DETECTION LIMIT								BDL - BELOW DETECTION LIMIT											